ELECTRONIC FLASH

Use this table with electronic flash units rated in beam candlepower seconds (BCPS). To determine the *f*-number, divide the guide number for your flash unit by the distance in feet from the flash to your subject.

Output of Unit BCPS	350	500	700	1000	1400	2000	2800	4000	5600	8000
Guide Number*	35	45	55	65	75	90	110	130	150	180

*If your prints are consistently too blue, use a No. 81B filter and increase your exposure by ⅓ stop.

INDOOR PICTURES BY DAYLIGHT

You can take pleasing pictures indoors in rooms brightly lighted by daylight. With an automatic camera or exposure meter, set the film-speed dial at **80.** When a window may mislead your meter, make a close-up reading of the subject. If you don't have a meter, try **1/30** second at ***f*/2.8.**

ADDITIONAL INFORMATION

FILM SPEEDS AND FILTER RECOMMENDATIONS

Type of Light	Film Speed	Use the following filters:
DAYLIGHT	**ASA 80**	**None required**
PHOTOFLOOD	ASA 25	No. 80B Filter
3200 K LAMPS	ASA 20	No. 80A Filter

Note: If you use exposure times longer than 1 second, you may need to increase exposure to compensate for the reciprocity characteristics of this film. For a 10-second exposure, use a lens opening 1 stop larger; for a 100-second exposure, use a lens opening 2 stops larger.

AVOID CONDITIONS THAT SPOIL YOUR PICTURES. Load and unload your camera in subdued light. Don't keep your camera and film in a hot place, such as a car glove compartment or the rear window shelf. Don't leave a partially exposed roll of film in your camera for an extended period of time, or it may give you poor results. Rewind 135 film into the magazine before you open the camera back. Have the film processed promptly after exposure to avoid changes in the undeveloped image. Store film, negatives, and prints in a cool, dry place.

DEVELOPING AND PRINTING. Have the film processed promptly after exposure. Return the exposed film to your dealer for developing and printing, or mail it directly to Kodak with the appropriate prepaid processing mailer.

Your dealer can also order more color prints, enlargements, or color slides from your negatives.

Film price does not include developing and printing by Kodak, nor does Kodak authorize others to sell this film with their prepaid processing mailer attached. All Kodak products and services bear the name "Kodak."

IMPORTANT PROCESSING NOTICE

The return of any film or print to us for processing or any other purpose will constitute an agreement by you that if any such film or print is damaged or lost by us or any subsidiary company, even though by negligence or other fault, it will be replaced with an equivalent amount of unexposed KODAK film and processing and, except for such replacement, the handling of such films or prints by us for any purpose is without other warranty or liability.

YOU CAN DEVELOP KODACOLOR-X Film in your own darkroom and print the negatives on KODAK EKTACOLOR Professional Paper. Process the film in the KODAK Color Processing Kit, Process C-22, available from your photo dealer.

KODAK (Australasia) PTY. LTD.

KC 60137 G **MELBOURNE - - AUSTRALIA**

Kodacolor-X FILM

FILM SPEED ASA 80

FOR COLOR PRINTS AND ENLARGEMENTS

Use in DAYLIGHT or with BLUE FLASH

ROLL and 135

DAYLIGHT PICTURES

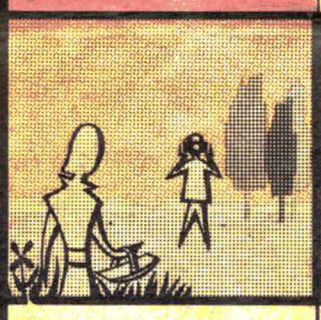
AUTOMATIC CAMERAS OR EXPOSURE METERS

Set film-speed dial on camera or exposure meter at ASA 80.

SETTING CAMERAS WITHOUT AN EXPOSURE METER

DAYLIGHT EXPOSURE TABLE FOR *KODACOLOR-X* FILM

For *average subjects*, use *f*-number below appropriate lighting condition. Set Shutter Speed at 1/100 or 1/125 Second

Bright or Hazy Sun (Distinct Shadows)	Cloudy Bright (No Shadows)	Heavy Overcast	Open Shade†
			
f/11*	f/5.6	f/4	f/4

*f/16 for brilliant scenes, such as those containing much sand or snow—OR f/5.6 for backlighted close-up subjects.

†Subject shaded from the sun but lighted by a large area of sky.

FLASH PICTURES

USE BLUE FLASHBULBS OR FLASHCUBES. Determine the *f*-number by dividing the guide number for your reflector and flashbulb by the distance in feet from the flash to your subject. Use these numbers as *guides*—if your flash pictures are consistently dark and muddy (underexposed), use a lower guide number; if they are "washed out" and contrasty (overexposed), use a higher guide number.

For *successful flash operation*, clean battery ends and equipment contacts often with an eraser or rough cloth.

GUIDE NUMBERS FOR BLUE FLASHBULBS

Type of Reflector	Flashbulb	Shutter Speed				
		F or X Sync	M Synchronization			
		1/30	1/30	1/60	1/125	1/250
	Flashcube	90	60	60	50	40
	AG-1B	65	45	45	40	32
	AG-1B	90	60	60	55	45
*	AG-1B	130	90	90	75	65
	PF-1B	120	110	100	90	70
	PF-6B†	NR	130	100	70	45
*	PF-1B	180	165	145	125	92
	PF-6B†	NR	185	145	105	65

*Polished bowl. †Bulbs for focal-plane shutter. NR—Not Recommended.

Caution: Since bulbs may shatter, use a flashguard over your reflector. Flashcubes have a built-in flashguard. *Do not flash bulbs in an explosive atmosphere.*

MAKE YOUR OWN FLASH GUIDE. Find your guide number in the table above. Cut out the strips below and tape them together on your flash holder so that the guide number is at ▲. The numbers on the top strip will read the flash distance in feet. Use the nearest *f*-number. Write your shutter speed and flashbulb type in the spaces provided.

FEET / GUIDE NUMBERS

3 4 5 6 7 8 10 12 15 20 25 30 40 50 60 80 100 150 200

f-numbers f/22 f/16 f/11 f/8 f/5.6 f/4 f/2.8 f/2 f/1.4 ▲

KODACOLOR-X Film Shutter Speed_____ Flashbulb_____